

Gergely Lautner

List of Publications by Year in descending order

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14
papers

433
citations

1040056

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1058476

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docs citations

14
times ranked

792
citing authors

#	ARTICLE	IF	CITATIONS
1	Aptamer-based biochips for label-free detection of plant virus coat proteins by SPR imaging. <i>Analyst, The</i> , 2010, 135, 918.	3.5	90
2	Selective Artificial Receptors Based on Micropatterned Surface-Imprinted Polymers for Label-Free Detection of Proteins by SPR Imaging. <i>Advanced Functional Materials</i> , 2011, 21, 591-597.	14.9	68
3	Microelectrospotting as a new method for electrosynthesis of surface-imprinted polymer microarrays for protein recognition. <i>Biosensors and Bioelectronics</i> , 2015, 73, 123-129.	10.1	53
4	Selection and versatile application of virus-specific aptamers. <i>FASEB Journal</i> , 2010, 24, 4187-4195.	0.5	49
5	Biodegradable poly(lactic-co-glycolic acid) microspheres loaded with S-nitroso-N-acetyl-D-penicillamine for controlled nitric oxide delivery. <i>Journal of Controlled Release</i> , 2016, 225, 133-139.	9.9	48
6	Electrochemical Detection of miRNAs. <i>Electroanalysis</i> , 2014, 26, 1224-1235.	2.9	40
7	Controlled light-induced gas phase nitric oxide release from S-nitrosothiol-doped silicone rubber films. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 86, 31-37.	2.7	20
8	A rational approach for generating cardiac troponin I selective Spiegelmers. <i>Chemical Communications</i> , 2014, 50, 6801-6804.	4.1	16
9	Homogeneous assay for evaluation of aptamer-protein interaction. <i>Analyst, The</i> , 2012, 137, 3929.	3.5	14
10	Tidal Flow Perfusion for the Artificial Placenta: A Paradigm Shift. <i>ASAIO Journal</i> , 2020, 66, 796-802.	1.6	9
11	Nanoparticle displacement assay with electrochemical nanopore-based sensors. <i>Electrochemistry Communications</i> , 2016, 71, 13-17.	4.7	7
12	Multivalent foldamer-based affinity assay for selective recognition of Al ³⁺ oligomers. <i>Analytica Chimica Acta</i> , 2017, 960, 131-137.	5.4	7
13	Feedback-controlled photolytic gas phase nitric oxide delivery from S-nitrosothiol-doped silicone rubber films. <i>Journal of Controlled Release</i> , 2020, 318, 264-269.	9.9	7
14	Nitric Oxide Attenuates the Inflammatory Effects of Air During Extracorporeal Circulation. <i>ASAIO Journal</i> , 2020, 66, 818-824.	1.6	5